

NEVADA DIVISION OF ENVIRONMENTAL PROTECTION

FACT SHEET

(pursuant to NAC 445A.236)

Permittee Name: VBL Environmental Services, Inc.

Permit Number: NEV2000508

General: The applicant proposes to land apply domestic septage, grease trap material, and biosolids, (sewage sludge) generated by the Central Nevada Utilities wastewater treatment plant for beneficial reuse to agricultural on the Hafen Ranch located in Pahrump, Nevada. Hafen ranch has a fenced 125 acre field located in a remote area that is used to grow alfalfa. One fourth of the field is left fallow at all times and that fallow land will have septage and biosolids applied to it to improve growing properties. After the fallow area has had septage and biosolids applied to it, it will be planted in alfalfa and a new piece of land will be used to receive septage and biosolids.

Receiving Water Characteristics: The ground water in the area that will have biosolids and domestic septage land applied is 70 feet below the surface and meets Nevada drinking water standards. At this time the water is being used for irrigation.

Description of the Location of the Discharge: Groundwater

Characteristics: Before any biosolids are applied to the land they shall be classified as "Class B", as specified in 40 CFR Section 503.32(b)

Quantities: The domestic septage and biosolids shall be land applied at the agronomic rate for the crop that is to be grown (the nitrogen content of the applied material will be equal to or less than the needs of the crop grown).

Procedures for Public Comment:

The Notice of the Division's intent to issue a permit authorizing the facility to discharge to the groundwater of the State of Nevada subject to the conditions contained within the permit, is being sent to the **Pahrump Valley Times** for publication. The notice is being mailed to interested persons on our mailing list. Anyone wishing to comment on the proposed permit can do so in writing for a period of 30 days following the date of publication of the public notice. The comment period can be extended at the discretion of the Administrator.

A public hearing on the proposed determination can be requested by the applicant, any affected State, any affected interstate agency, the Regional Administrator or any interested agency, person or group of persons.

The request must be filed within the comment period and must indicate the interest of the person filing

the request and the reasons why a hearing is warranted.

Any public hearing determined by the Administrator to be held must be conducted in the geographical area of the proposed discharge or any other area the Administrator determines to be appropriate. All public hearings must be conducted in accordance with NAC 445A.238.

The final determination of the Administrator may be appealed to the State Environmental Commission pursuant to NRS 445A.605.

Proposed Determination

The Division has made the tentative determination to issue the proposed permit.

Proposed Effluent Limitations, Schedule of Compliance and Special Conditions

The biosolids that are to be land applied must meet the requirements in 40 CFR section 503. The Domestic septage and the biosolids must be applied at a rate equal to or less than the agronomic rate for nitrogen for the crop to be grown.

Rationale for Permit Requirements

Monitoring is required to protect public health and to protect the ground water from contamination.

Prepared by: Bill Coughlin
August, 2000